



- Notes:**
- Overburden assumed to be circa 2m in thickness comprising soils and weathered rock.
  - Initial stripped overburden / spoil to be placed in peripheral bund, with subsequent overburden / spoil and waste materials to be stockpiled within basal area of borrow pit prior to being used in restoration.
  - Design parameters are indicative and should be refined based upon findings of ground investigations and/or initial excavations, taking into account ground conditions and hydrological issues.
  - Assumes insitu conversion factor of 2 tonnes per m<sup>3</sup>.

- Legend:**
- Land where the applicant has ownership or beneficial interest
  - Planning application boundary
  - Bench / base of excavation
  - Excavation batter
  - Peripheral bund
  - General working direction
  - Contours (1m interval)
  - Proposed site access road
  - Permanent hardstanding
  - Temporary hardstanding
  - Levelled clearance

4	General Updates	29/01/24	LB	DK	AOB
Rev	Amendments	Date	By	Chk	Auth



Drawing Status & Suitability Code					
Client Knockanarragh Wind Farm Ltd.					
Project Knockanarragh Wind Farm					
Drawing Title Proposed Borrow Pit 1					
Scale 1:500	@ A1	SLR Project No. 501.00727.00008			
Designed DPK	Drawn IG	Checked PMC	Authorised AOB		
Date 10/23	Date 10/23	Date 10/23	Date 10/23		
Drawing Number ABP-314271-22.PL21-1					Rev 4

<b>Total excavation volume:</b>	30,651m <sup>3</sup>
<b>Overburden volume:</b>	9,844m <sup>3</sup>
<b>Net stone volume:</b>	20,807m <sup>3</sup>
<b>Peripheral bund fill:</b>	1,572m <sup>3</sup>
<b>Net stone tonnage:</b>	41,614T
<b>Excavation area:</b>	4,922m <sup>2</sup>
<b>Excavation method required:</b>	Drilling and blasting
<b>Inferred design parameters:</b>	63 degree faces through competent rock Maximum face height of 8m Final bench width of 5m 1.5m high peripheral bund
<b>Coordinates for centre of borrow pit:</b>	E: 663110 N: 767440

02/02/2024  
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